



emmerson
resources

Recent ASX Announcements:

14 March 2016

Bonanza gold from Edna Beryl

1.83m @ 139.7 g/t gold from drill hole A

1.83m @ 309.5 g/t gold from drill hole B

1.83m @ 93.4 g/t gold from drill hole C

19 May 2016

High Grade Gold at Edna Beryl West

5m at 27g/t gold incl. 2m at 51g/t gold

13m at 8.7g/t gold incl. 7m at 15g/t gold

5 July 2016

High Grade Gold at Edna Beryl

6m at 13.2g/t gold incl. 3m at 15.7g/t gold

3m at 11.2g/t gold

9m at 5.33m g/t gold incl. 3m at 10.4g/t gold

2 August 2016

Further High Grade “Bonanza” Gold at Edna Beryl

5m at 35.6g/t gold from 120m

2m at 30.1g/t gold from 128m



Precious Metals Summit – September 2016

Rob Bills, Managing Director & CEO

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Board of Directors



Mr. Andrew McIlwain B.Eng (Mining)
Non-Executive Chairman

Mining Engineer with more than 25 years experience in operational, senior management and executive roles (MIM, WMC, UML & others).



Mr. Robert Bills B.Sc, M.Sc
Managing Director and Chief Executive Officer

Geologist with over 25 years experience in exploration and mining with WMC and BHP. Joined Emmerson in late 2007 as the Managing Director and CEO.

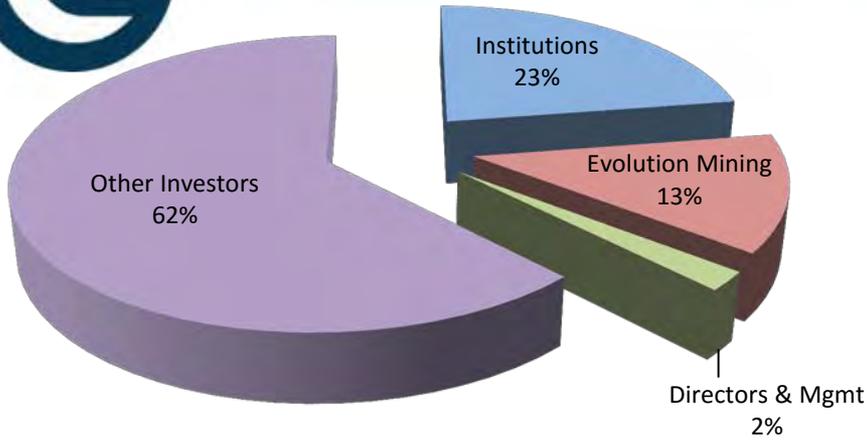


Dr. Allan Trench B.Sc (Hons), Ph.D, M.Sc, MBA
Non-Executive Director

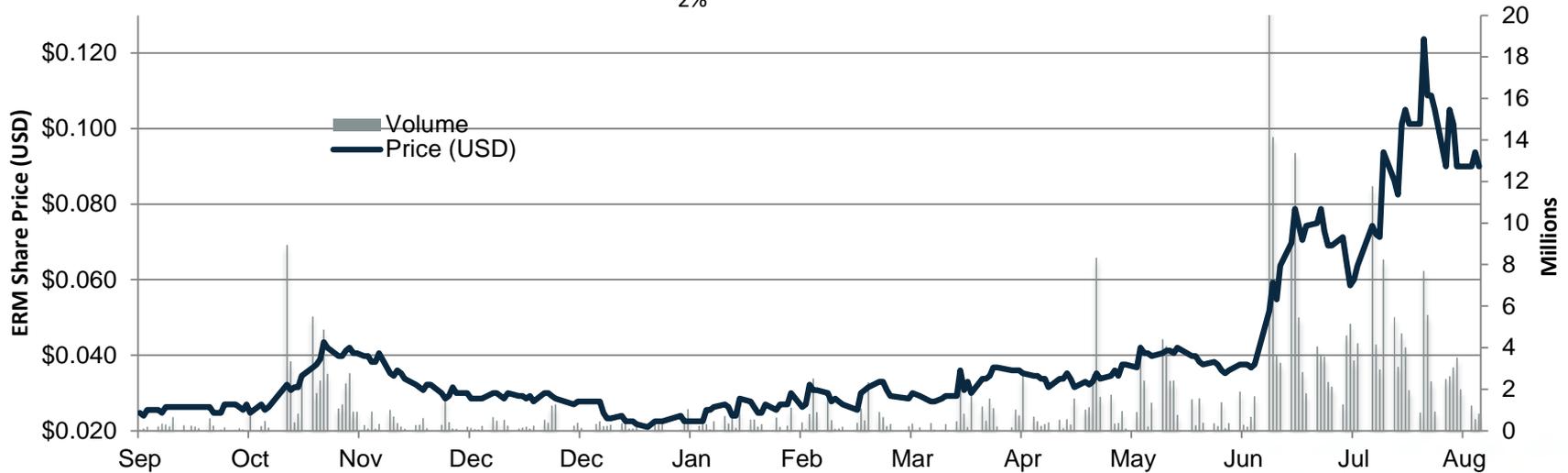
Geologist/geophysicist with extensive experience in strategy, project development and operations within the natural resource sector.



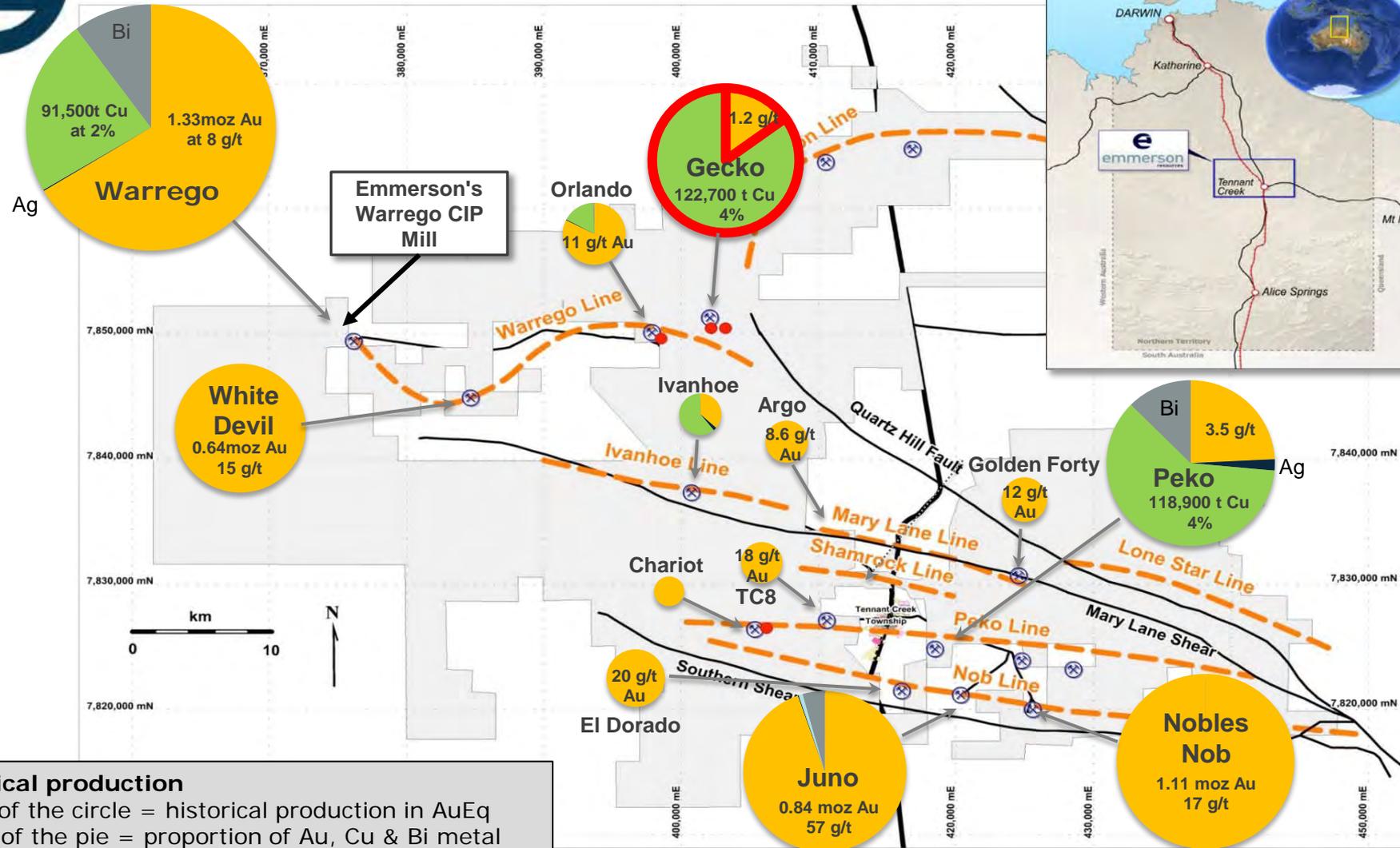
Capital Structure



ASX code	ERM
Shares on issue	378,311,454
Options (Exercise price US\$0.0364)	7,000,000
Market capitalisation (at US\$0.09/share)	US\$34.0 million
Cash (30/06/16)	US\$3.9 million
Enterprise value	US\$30.1 million



Tennant Creek – one of Australia's highest grade goldfields

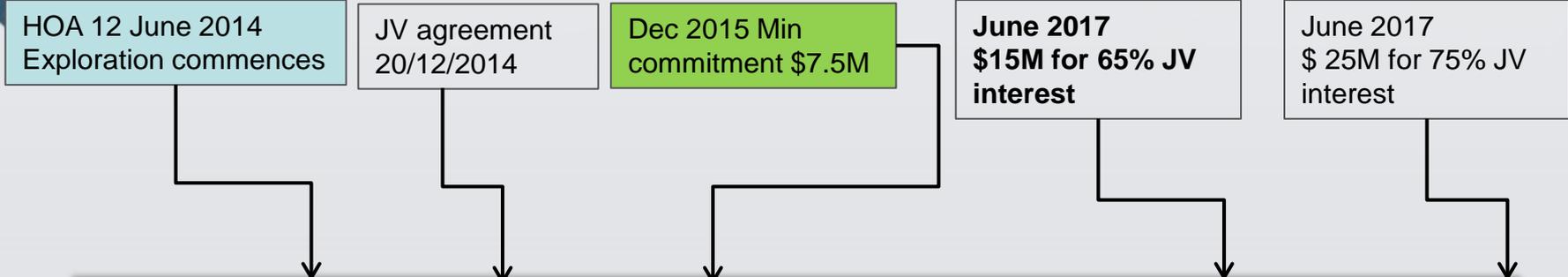


Historical production

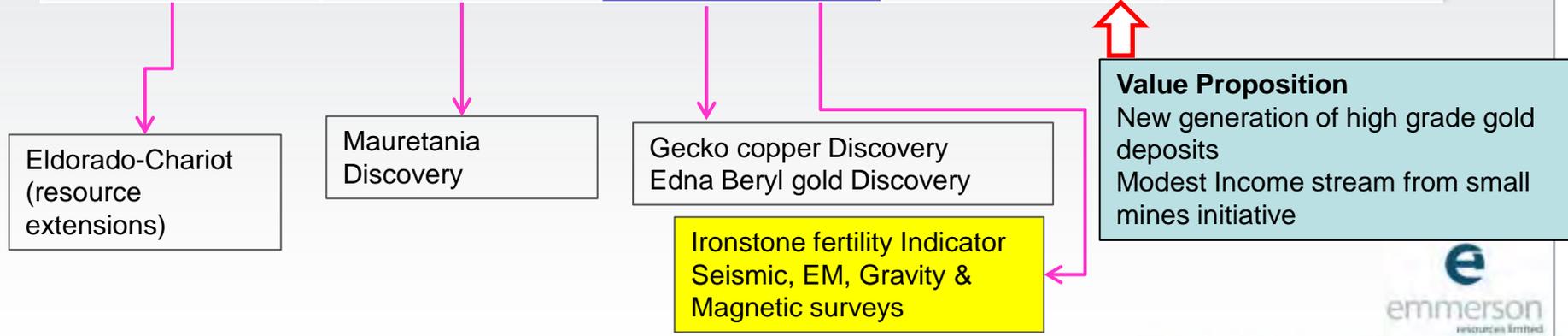
- size of the circle = historical production in AuEq
- Size of the pie = proportion of Au, Cu & Bi metal

Tennant Creek Fully Funded via \$15m JV with Evolution Mining

JV Agreement



FY 14	FY15	FY16	FY17	FY18 + Fy19
\$0.283M	\$4.5M	\$5M	\$5.0M	\$10M
		LTD \$10.0M*		



JV also included ~\$2m EVN shares + placement in ERM of ~13%

Threefold Strategy



- **Application of new technology/ideas to make new discoveries in Tennant Creek** (Goanna copper, Mauretania gold, Edna Beryl gold)
- **Small Mines – monetise existing resources and provide opportunities for “near mine” discoveries** (*Edna Beryl under development and will be one of Australia’s highest grade gold mines plus pipeline of others*)
- **Leverage new technology/ideas outside of the Tennant Creek Project**
New gold-copper projects in the Macquarie Arc of New South Wales

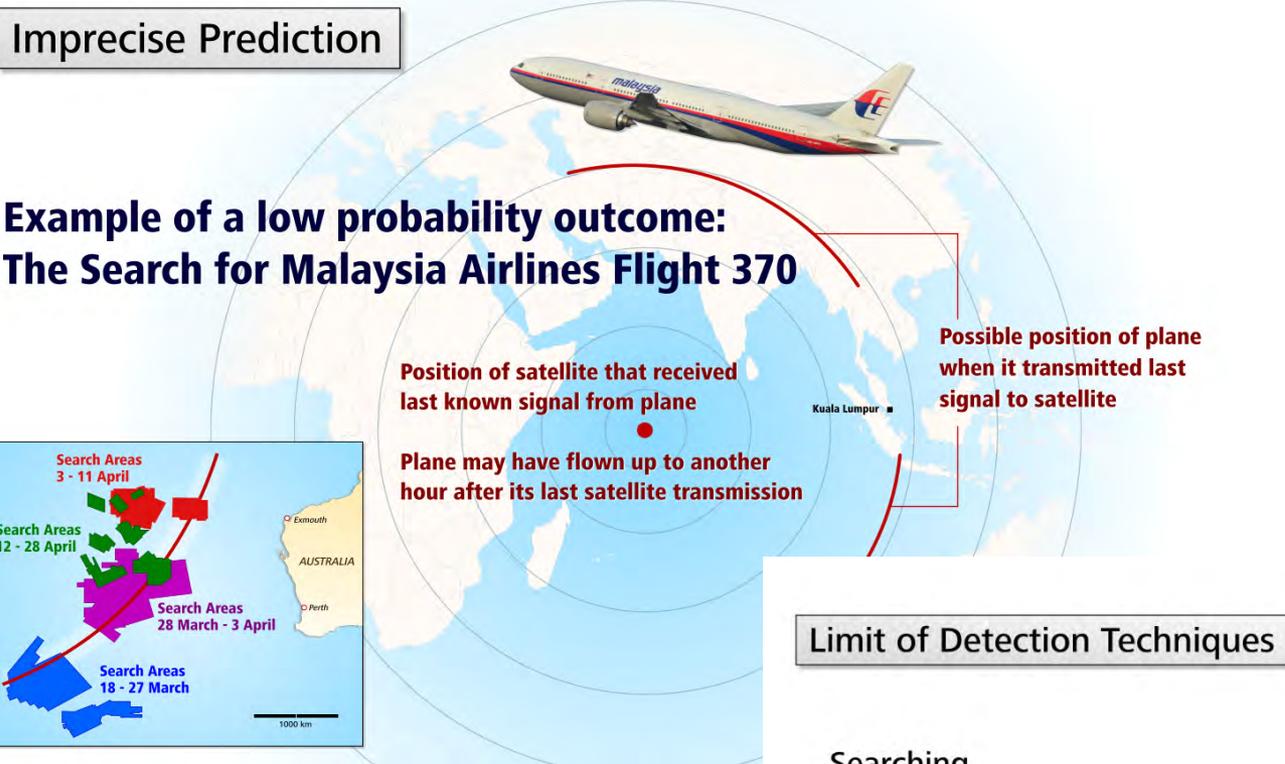
Discovery is the biggest value driver in the resource business

An example of where Prediction + Detection ≠ Discovery



Imprecise Prediction

Example of a low probability outcome: The Search for Malaysia Airlines Flight 370



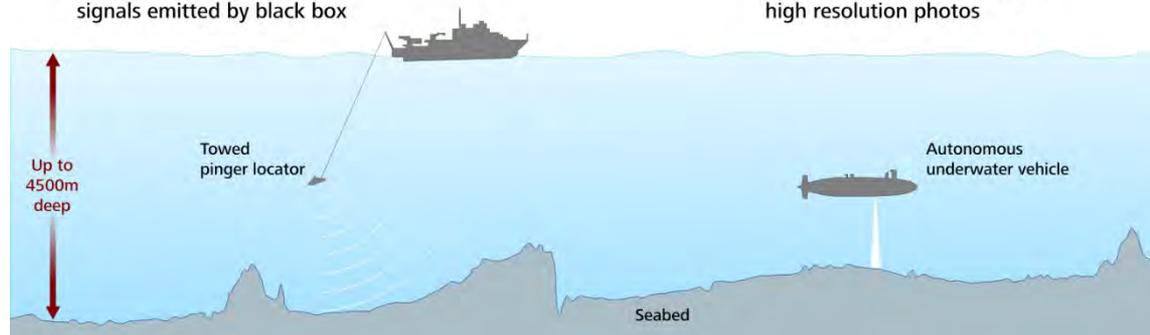
Limit of Detection Techniques

Searching for a signal

Ships tow hydrophones through water to locate signals emitted by black box

Scouring the seabed

Remote underwater vehicles scour the seabed to capture high resolution photos

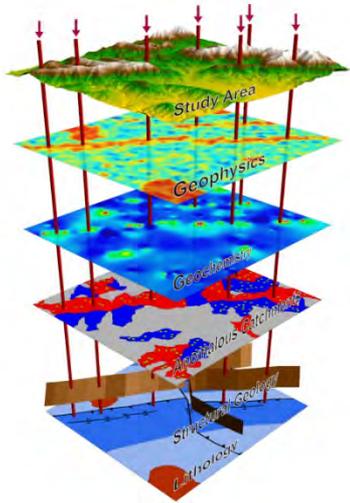


Prediction + Detection = Discovery

.....and creation of shareholder value for ERM

Precise Prediction and Detection = increasing probability of Discovery!

Precise Prediction and Detection

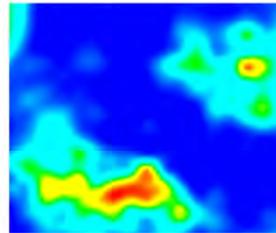


Aiming to deliver:

- New greenfields targets & discoveries
- Underexplored brownfields targets to grow current resource base

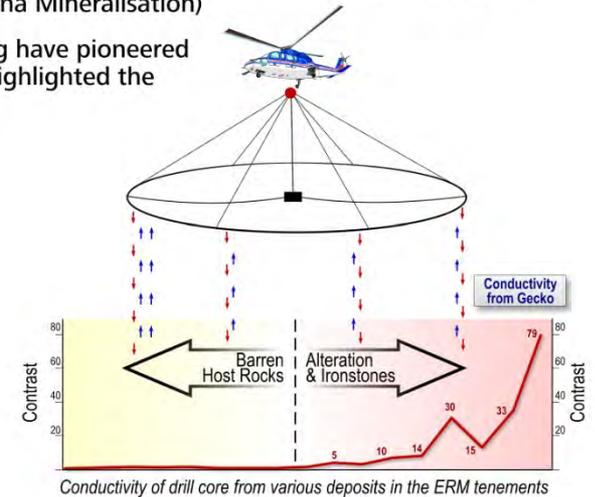
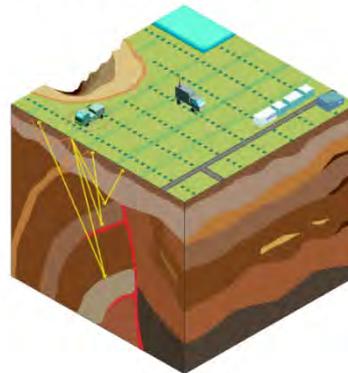
Weighted aggregation process*

*Unbiased, probability based



Advanced Detection Technology

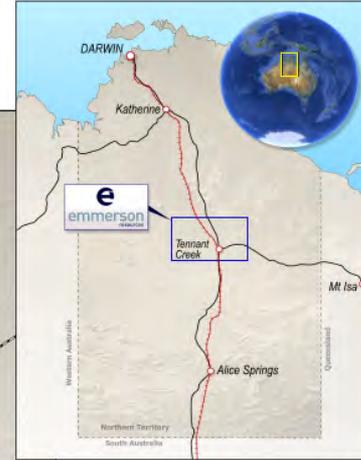
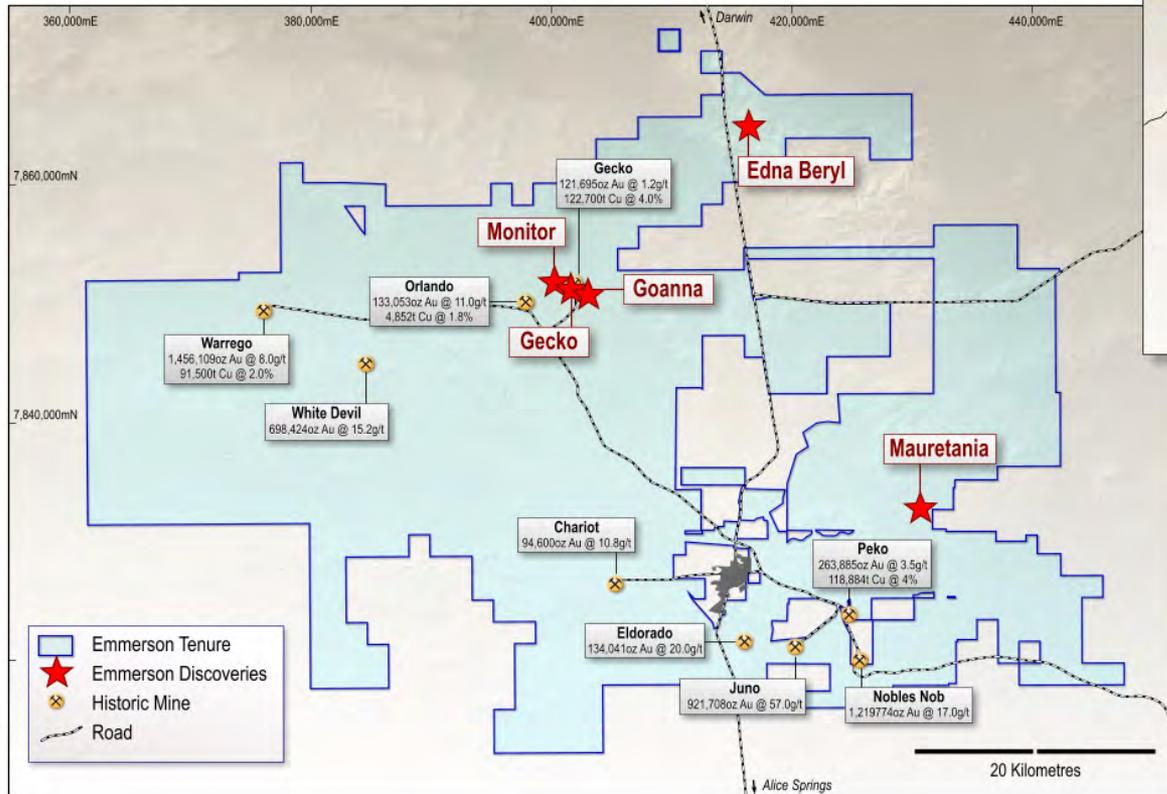
- Multiple (applicable) detection technologies increase the probability of discovery
- Emmerson have pioneered the first use of high powered, airborne electrical geophysics in Tennant Creek (and discovered the Goanna Mineralisation)
- Emmerson and JV Partner, Evolution Mining have pioneered seismic geophysics in Tennant Creek (has highlighted the Edna Beryl mineralisation)



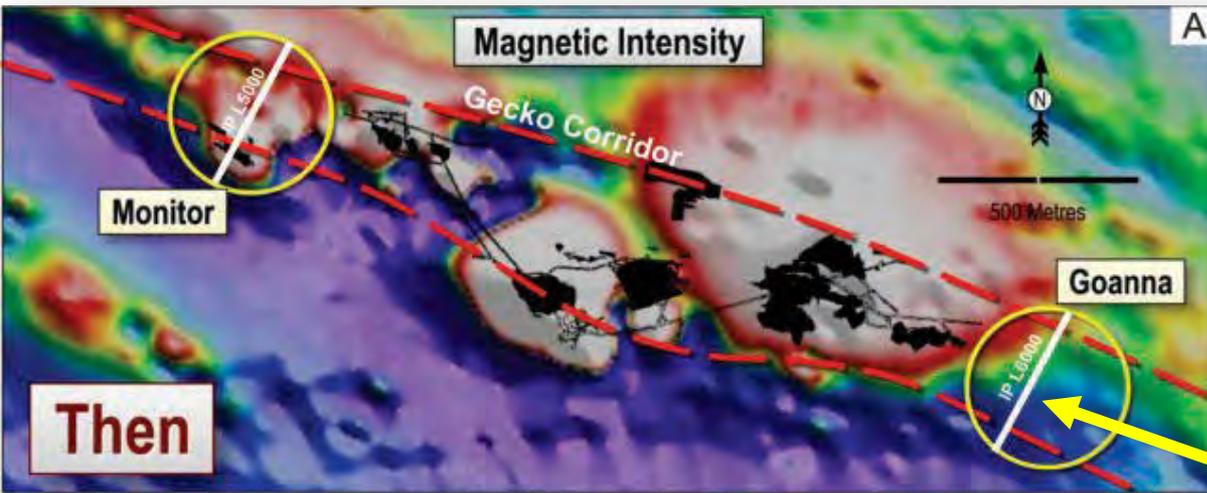
Prediction + Detection = Discoveryand creation of shareholder value for ERM

Effective Prediction and Detection = Discoveries

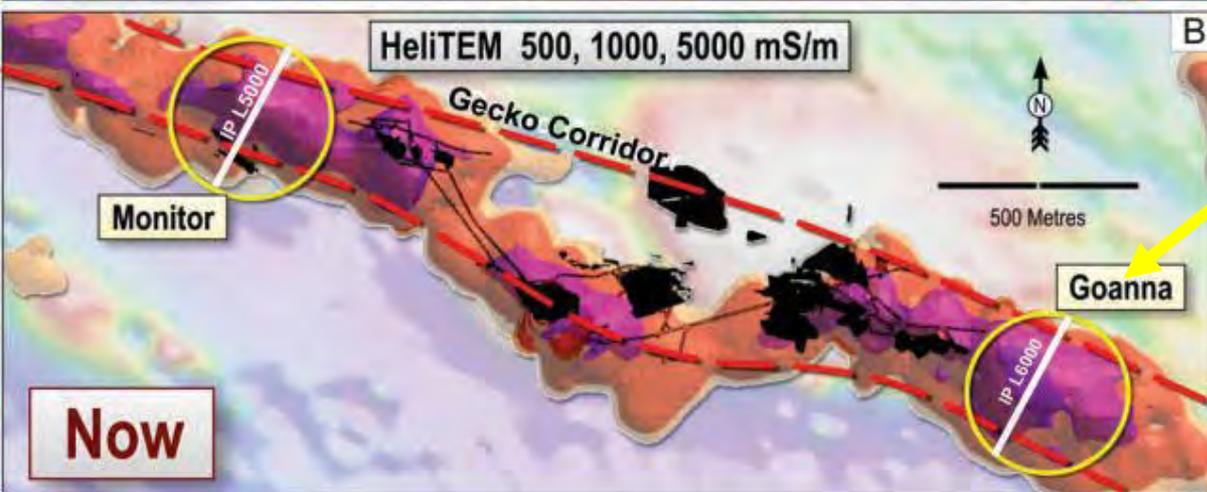
Tennant Creek



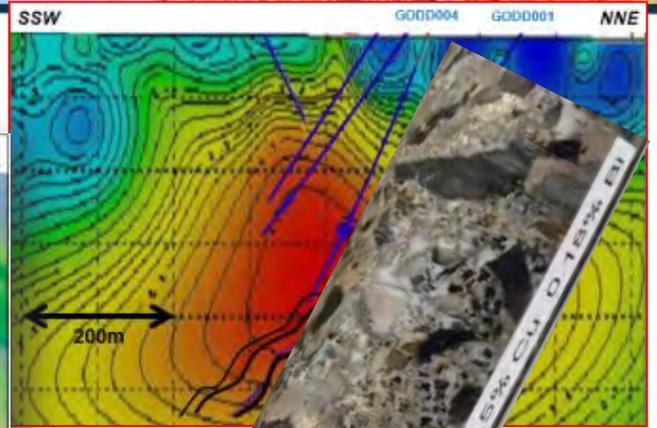
First application of high power airborne EM = discovery of Goanna & Monitor Cu-Au



Then

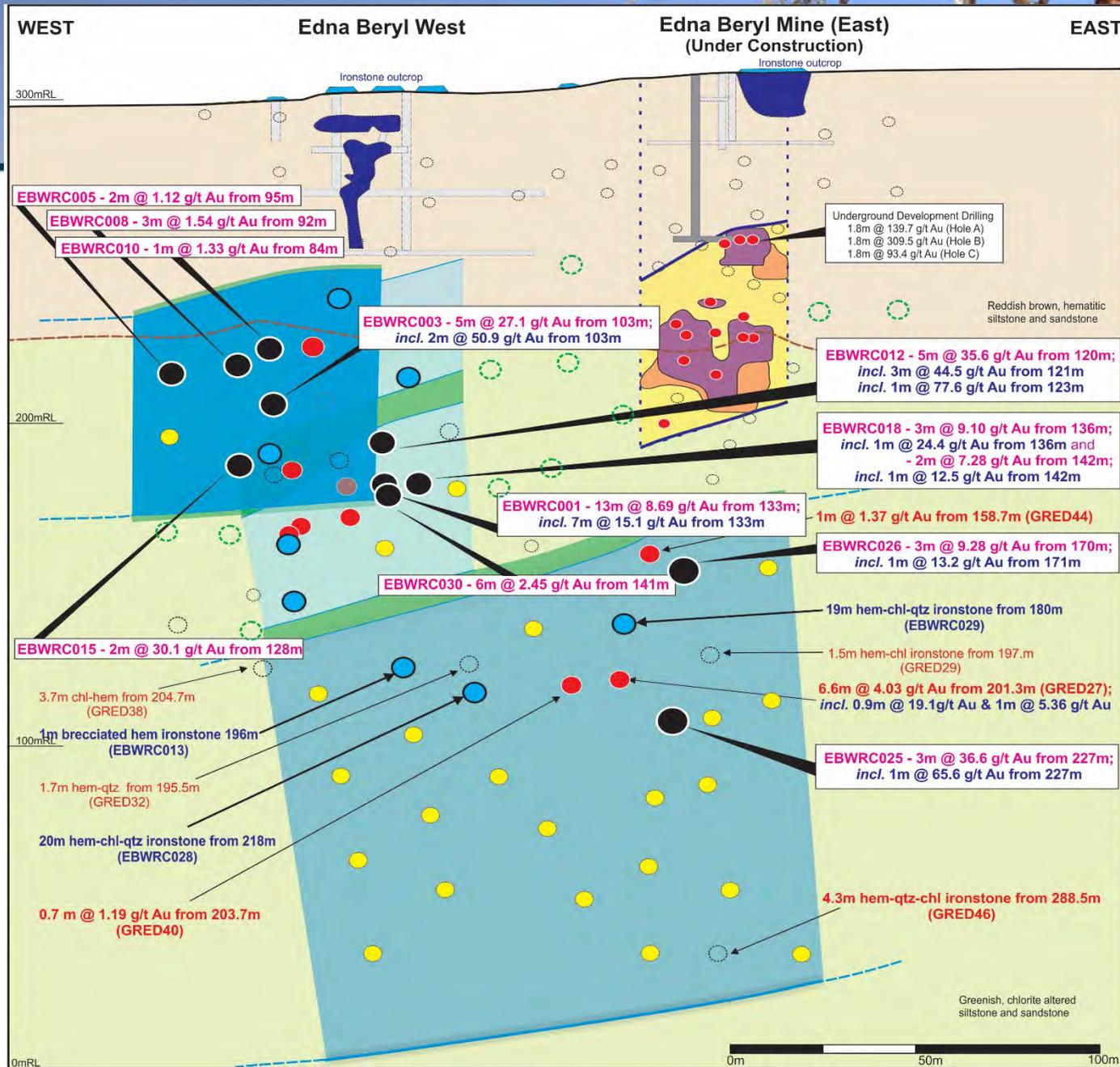


Now



21m @ 2.6% Cu & 0.69% Bi
incl. 7m @ 4.96% Cu & 0.25% Bi

The Edna Beryl Discovery – 6,000m drill program underway!



Long Section along 079° Azim Looking NNW

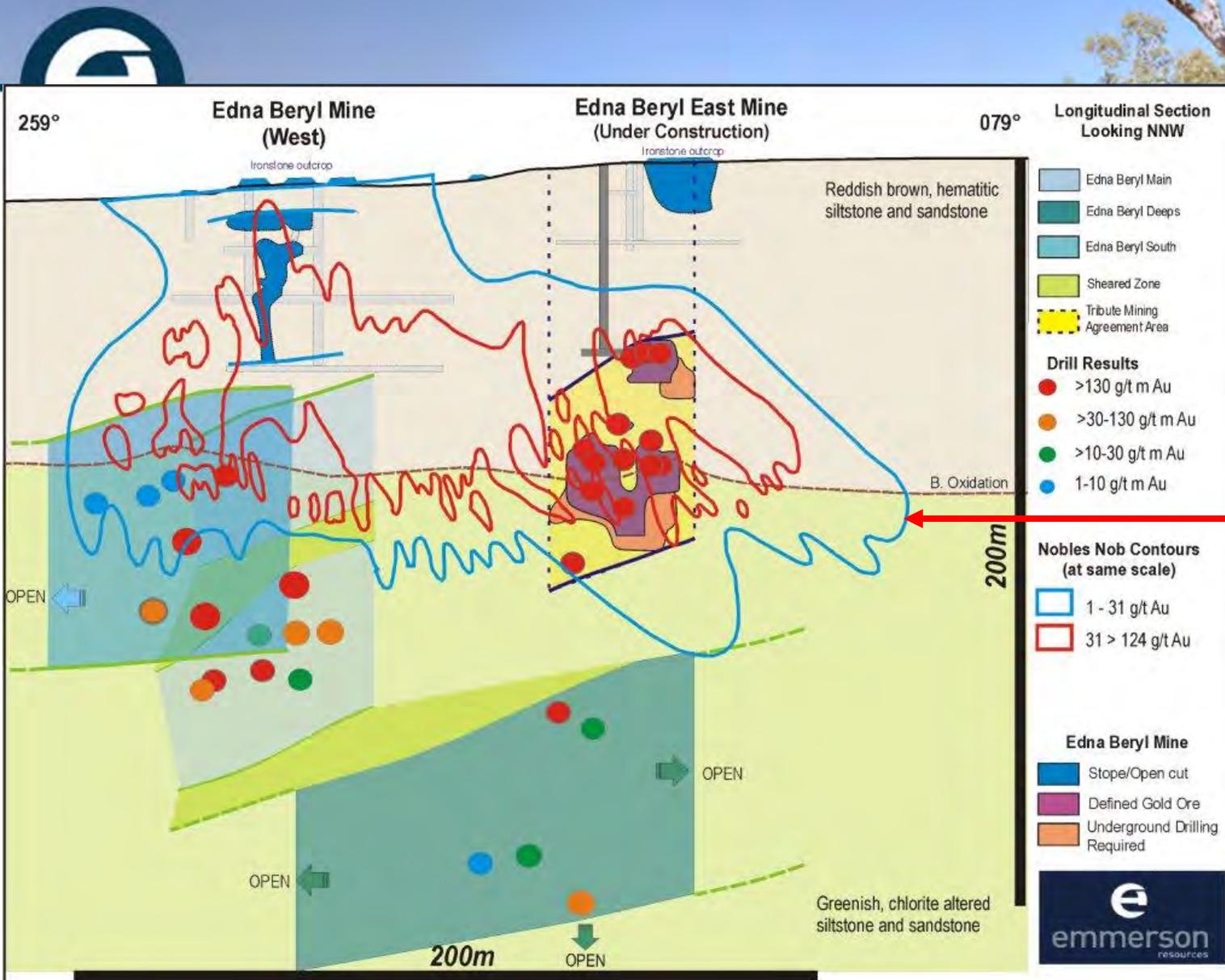
- Edna Beryl Main
- Edna Beryl Deeps
- Edna Beryl South
- Sheared/pinched zone
- Panel 5 Tribute Agreement Area

- Emmerson Drilling with Au intersections
- ERM Drilling Ironstone intersections
- ERM Drilling No significant Au intersections
- Pierce Point for September Drilling
- Historical drilling with Au intersections
- Historical drilling No significant Au intersections

- Edna Beryl Mine**
- Slope/Open cut
 - Defined Gold Ore
 - Underground Drilling Required



Size comparison with the historical Nobles Nob mine



Nobles Nob was the highest grade gold mine in Tennant Creek (and Australia) (produced +1.1moz)

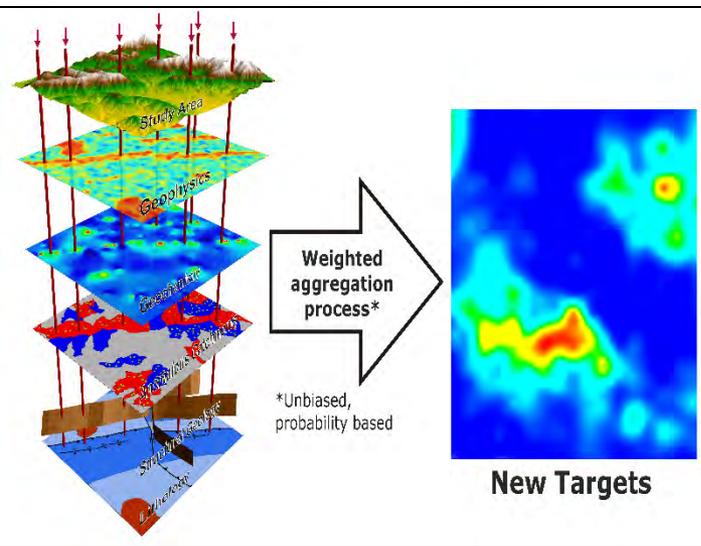
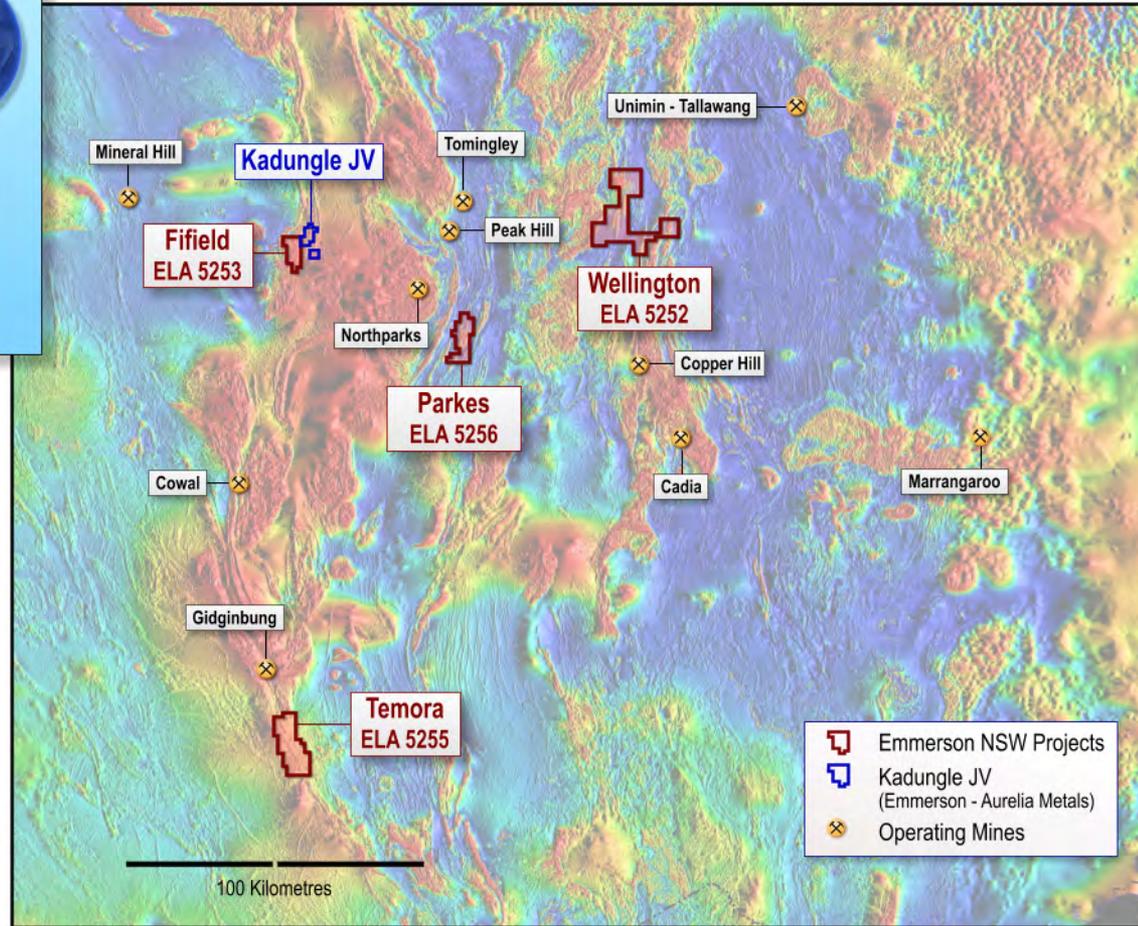
Nobles Nob supergene gold grade contours at the same scale as Edna Beryl

Edna Beryl has supergene and primary gold potential

Prediction + Detection = ?

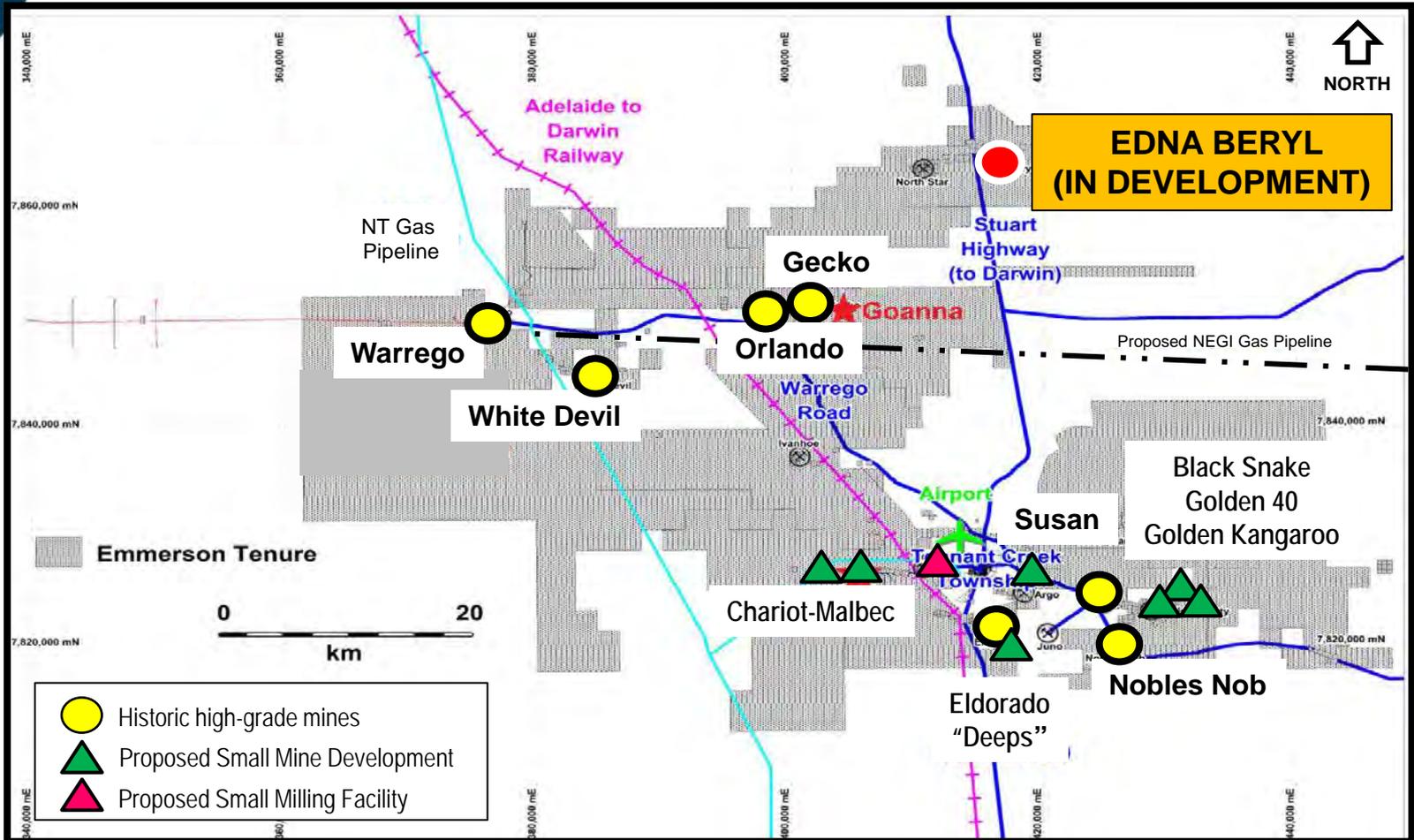
.....and creation of shareholder value for ERM

New South Wales Projects

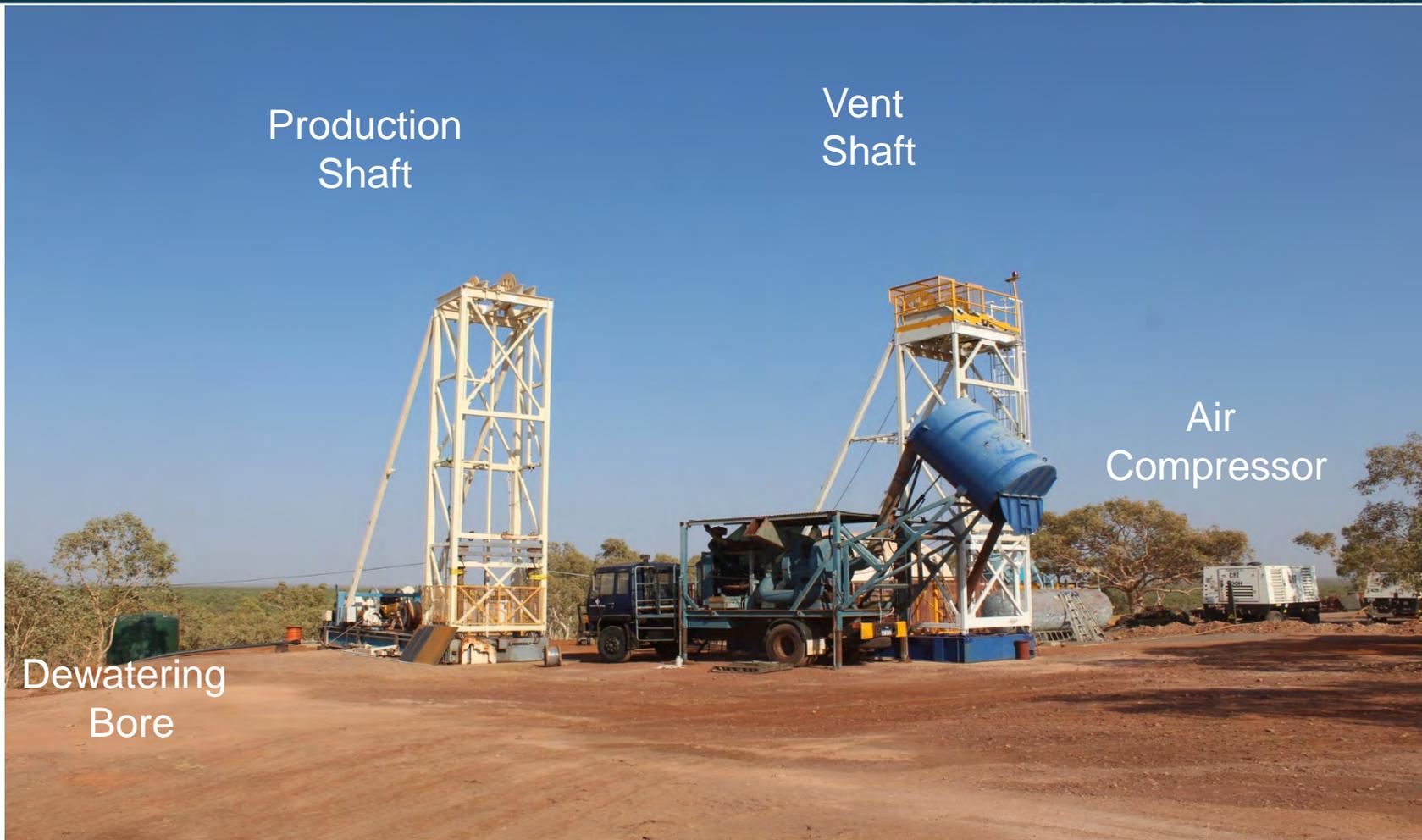


Strategy 2 - Small Mines

Risk free cash from high grade resources



Edna Beryl Development - the first “small mine”



Production Shaft

Vent Shaft

Air Compressor

Dewatering Bore

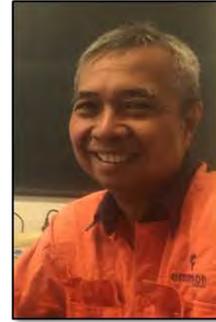
Summary and Conclusions



- Tennant Creek Exploration fully funded by Evolution Mining – have spent ~\$10.0m of the \$15m to earn 65% of the Tennant Project
- Next 8,000m drill program at Tennant Creek to commence in September and will initially focus on the high grade Edna Beryl and Susan plus green fields projects (strategy 1)
- Small Mines to monetise existing high grade resources and expand near mine exploration (strategy 2)
- New technology and ideas continue to drive exploration.....both in Tennant Creek (strategy 1) and identifying new gold-copper opportunities (strategy 3)
- ERM remains well funded ~\$5.0m in cash plus potential for risk free cash from small mines
- Highly leveraged to success across all strategic horizons



The Emmerson Team



Appendix: Mineral Resources



Classification	Tonnes	Gold grade (g/t)	Copper grade (%)	Gold equivalent grade (g/t)	Gold ounces	Copper metal (t)	Gold equivalent ounces
Gecko - Anomaly 3, L25 and K44 Lower (reported above a 1% copper cut-off)							
Indicated	1,400,000	-	2.5	4.2	-	35,600	190,000
Inferred	80,000	-	1.6	2.7	-	1,300	10,000
Sub-total Gecko	1,480,000	-	2.5	4.1	-	36,900	200,000
Orlando – (Lenses 2 & 7, below open pit & ‘the gap’ - reported above a 1.0 g/t gold equivalent cut-off)							
Indicated	1,710,000	1.9	1.5	4.4	100,000	25,700	240,000
Inferred	510,000	1.7	1.1	3.6	30,000	5,800	60,000
Sub-total Orlando	2,220,000	1.8	1.4	4.2	130,000	31,500	300,000
Goanna (reported above a 1.0 % Cu cut-off)							
Indicated	-	-	-	-	-	-	-
Inferred	2,918,000	0.16	1.84	3.2	15,000	53,700	300,000
Sub-total Goanna	2,918,000	0.16	1.84	3.2	15,000	53,700	300,000
Chariot – Open Pittable & Remnant Underground (reported above a 1.0 g/t gold equivalent cut-off)							
Indicated	60,000	15.9	-	15.9	32,000	-	32,000
Inferred	110,000	18.8	-	18.8	67,000	-	67,000
Sub-total Chariot	170,000	17.4	-	17.4	99,000	-	99,000
TOTAL	6,790,000	1.1	1.8	3.6	246,000	122,100	900,000

Gold Equivalent Calculation

Gold equivalent results are calculated using a gold price of US\$1,363/oz and a copper price of US\$7,297/t. Copper-rich ore would be processed using a conventional crush, grind and flotation route to a copper concentrate which would then be sold. Benchmarking of this processing route suggests that a copper recovery of 90-92% would be appropriate. Gold would be recovered by an industry standard carbon-in-pulp process leading to the generation of gold bars. No unconventional processing such as roasting or biological leaching is contemplated, therefore typical recoveries for such gold processing plants is in the range of 90-94%. Given the relative recoveries of both gold and copper are essentially identical, the equivalence formula has not been adjusted for recovery. The gold equivalent calculation used is $AuEq (g/t) = Au (g/t) + ((Cu(\%)*7297)/43.82)$, i.e. $1.0\%Cu = 1.67g/t Au$. The totals may not sum exactly due to rounding.

Competent Person Statements



The information in this report relating to Exploration Results is based on information compiled by Mr Steve Russell, who is a Member of the Australian Institute of Geoscientists and has sufficient exploration experience which is relevant to the style of mineralisation under consideration to qualify as a Competent Person as defined in the 2004 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Mr Russell is a full time employee of Emmerson Resources Ltd. Mr Russell consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

The information in this report which relates to Mineral Resources is based upon information compiled by Mr Ian Glacken, who is a Fellow of the Australasian Institute of Mining and Metallurgy. Ian Glacken is an employee of Optiro Pty Ltd and has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is undertaking to qualify as a Competent Person as defined in the 2004 edition of the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves. Ian Glacken consents to the inclusion in the report of a summary based upon his information in the form and context in which it appears.

Gecko, Goanna & Orlando Mineral Resource: see details in ASX announcement "New High Grade Drill Results & Upgrade to Resource Inventory" released on 18 October 2013.

Chariot Mineral Resource: see details in ASX announcement "High Grade Chariot Gold Resource' released on 28 November 2013.

The information was first disclosed under the JORC Code 2004. It has not been updated since to comply with the JORC Code 2012 on the basis that the information has not materially changed since it was last reported.

The gold equivalent calculation assumes a gold price of US\$1,363/oz for gold and US\$3.31/lb for copper and makes no allowance for metallurgical recoveries. The totals may not sum exactly due to rounding.